

Eighth Annual

"One Medicine" Symposium

December 8, 2010

Sheraton Imperial Hotel and Convention Center | Durham, North Carolina



Reality Bites:

A One Medicine Approach to Vector-borne Diseases

A conference for physicians, nurses, veterinarians, veterinary technicians, public health professionals, environmental health specialists, agriculture professionals, wildlife professionals, and federal, military, state and local disaster responders.

Conference objectives:

- Describe the diagnosis, treatment, surveillance and vector control measures in humans and animals for vector-borne diseases.
- Discuss the similarities and differences of vector-borne disease ecology, diagnosis and case management between people and animals.
- Discuss the impact of our changing ecology on wildlife and disease risks for people and animals in the Southeastern United States.
- Emphasize the "One Medicine" approach of close cooperation between human and veterinary medicine for a rapid and effective response to emerging vector-borne diseases.

For registration information and other details:

visit www.onemedicinenc.org, call 919.515.2261 or complete and fax the registration form provided on page 4.

- Registration Fee is \$50.00



UNC
GILLINGS SCHOOL OF
GLOBAL PUBLIC HEALTH

NC STATE UNIVERSITY
COLLEGE OF VETERINARY MEDICINE



2010 One Medicine Symposium

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For the last seven years, the North Carolina Department of Health and Human Services and the North Carolina Department of Agriculture and Consumer Services have hosted the annual *One Medicine Symposium* to educate and provide attendees with take-home tools that will improve and enhance preparedness for a natural or man-made disaster or infectious disease outbreak.

The theme of the 2010 symposium, *Reality Bites: A One Medicine Approach to Vector-borne Diseases*, focuses on the effects of vector-borne diseases on human and animal health. This year's agenda encourages human and animal health professionals to come together to explore key questions to improve awareness and understanding of issues benefiting from a One Medicine approach.

7:00-8:30am	Registration
8:30-9:00	Welcome Jeffrey Engel, MD , State Health Director, NC Department of Health and Human Services Steve Troxler , Commissioner, NC Department of Agriculture and Consumer Services
9:00-9:45	Changing Ecology and Vector-borne Diseases <ul style="list-style-type: none">▪ Impacts on wildlife▪ Disease risk impacts for people and animals Michael Yabsley, PhD , Southeastern Cooperative Wildlife Disease Study
9:45-10:45	Rickettsial Diseases of People and Pets <ul style="list-style-type: none">▪ You can't tell a rickettsiosis by its spots: the expanding spectrum of spotted fever in the United States▪ Diagnostic approach, surveillance and treatment▪ Rocky Mountain spotted fever: Dogs as sentinels for disease in humans? Christopher Paddock, MD, MPHTM , Centers for Disease Control and Prevention Edward Breitschwerdt, DVM , College of Veterinary Medicine, NC State University
10:45-11:00	Break
11:00-noon	Mosquito-borne Diseases, Surveillance Programs and Vector Control Concerns <ul style="list-style-type: none">▪ Mosquito-borne diseases: epidemiology and clinical management of LaCrosse virus▪ Ecology of eastern equine encephalitis, sentinel flock and mosquito surveillance James Whitehouse, MD, MHS , Asheville Infectious Disease Consultants Barry Engber, ScD , NC Department of Environment and Natural Resources

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noon-1:00pm	Lunch: provided
1:00-2:45	Lyme Disease and Southern Tick Associated Rash Illness (STARI) <ul style="list-style-type: none">▪ Clinical presentation, diagnosis, treatment and surveillance for humans▪ Canine diagnosis – what is the test really telling us?▪ Complex ecology of Lyme disease in the South <p>Paul Lantos, MD, Duke University Susan Little, DVM, PhD, Center for Veterinary Health Sciences, Oklahoma State University Charles Apperson, PhD, College of Agriculture and Life Sciences, NC State University</p>
2:45- 3:00	Break
3:00-5:10	Emerging and Re-emerging Diseases <ul style="list-style-type: none">▪ Chagas disease in your backyard?▪ Bartonellosis—a hidden epidemic?▪ Human Babesiosis in the United States▪ Babesiosis in dogs—new species <p>Susan Montgomery, DVM, MPH, Centers for Disease Control and Prevention Edward Breitschwerdt, DVM, College of Veterinary Medicine, NC State University Abelardo Moncayo, PhD, Tennessee Department of Health Adam Birkenheuer, DVM, PhD, College of Veterinary Medicine, NC State University</p>
5:10	Adjourn

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- Continuing education is pending for this activity. Please see final announcement for details. The Centers for Disease Control and Prevention is accredited as a provider of Continuing Nursing Education by the American Nurses Credentialing Center's Commission on Accreditation.
- Registration Fee is **\$50.00**

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Course Code: AOOMS09/AOOMS10

Have you ever taken a non-credit course from NCSU before? ☐ Yes ☐ No

Name: _____
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Occupation: _____

Name on Badge (if different than above): _____

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Registration Coordinator, Office of Professional Development,
Box 7401, Raleigh, NC 27695-7401
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